PMW 230

(Global Combat Support System–Marine Corps)

Mr. Chris Melkonian

Mission Statement

**Sustain and transform the Marine Corps'
logistics information technology capability**

PMW 230 Portfolio Overview

► **Strategic Landscape**

► **Near-term Roadmap**

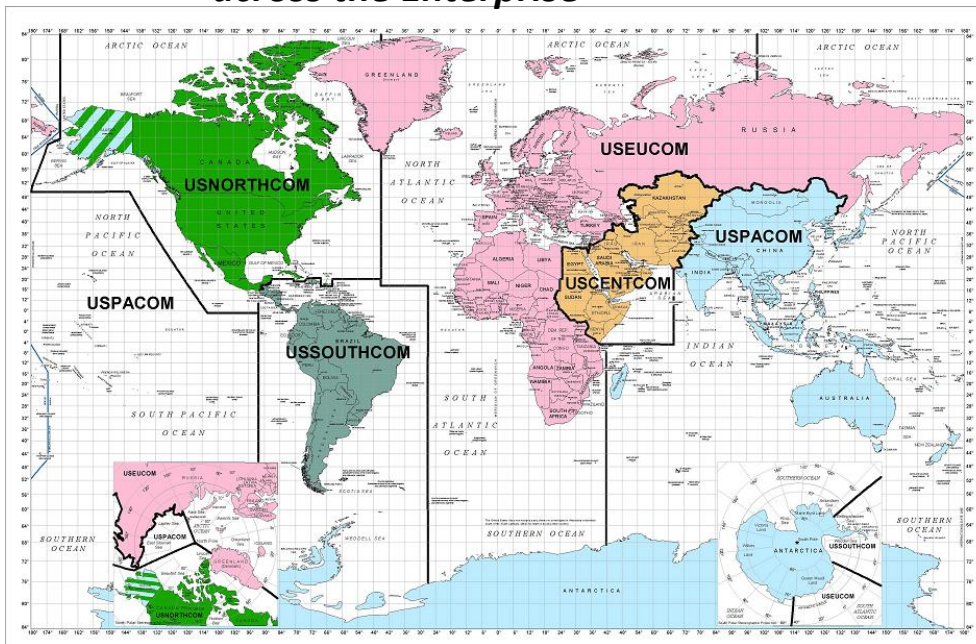► **Opportunities for Industry**

► **Upcoming RFIs/RFPs**

PMW 230 Logistics IT Portfolio
Enabling worldwide logistics operations across the Enterprise

User Base
► Over 30K users worldwide
► Garrison and deployed
► Military, Civilian, Contractor

Logistics Processes

- Integrated Supply and Maintenance
- Transportation Management
- Request Management
- Warehouse Management
- Finance (feeder to SABRS)
- Provisioning
- System Administration
- Asset Visibility and Tracking
- War Reserve Planning
- Data Management

Supply
► Provisioning NSNs
► Supply Planning
► > $600M Class IX (Parts) Inventory
► > $30B Class VII (ME) Inventory

Maintenance
► Maintenance Planning
► Configuration Management
► > 85K Maintenance Service Request/year

Financial
► > $450M Financial Obligations and Expenditures

GCSS-MC Increments
(90+ systems of record)

1. Initial supply and maintenance
2. Enterprise supply
3. SE inventory management
4. Transportation and distribution
5. Enterprise maintenance
6. Log chain planning/decision
7. Life-cycle management
8. General engineering
9. Health services

Nine increments to fulfill GCSS CDD capability and replace legacy IT systems

Original GCSS-MC Vision
(Oracle ERP replaces all principle systems)

New GCSS-MC Vision
(GCSS-MC + set of modern tools)

Oracle ERP
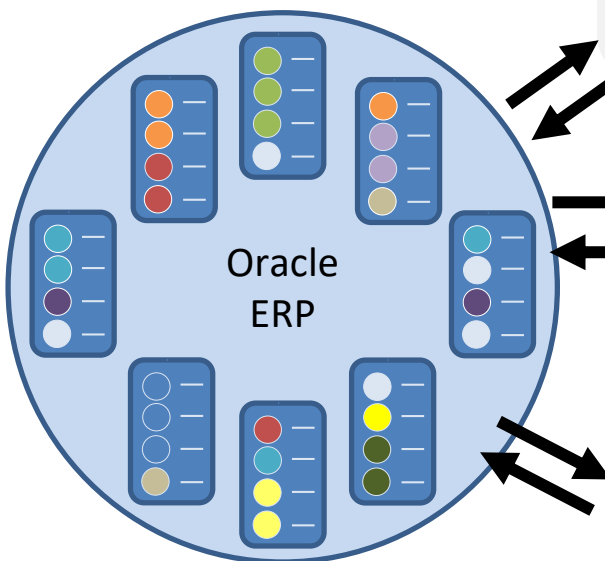
MLS2
- Lightweight SCM suite to replace TCPT and CLC2S
- Advanced disconnected capability
- Could migrate SCM functions out of Oracle

Tech Data Pilot
- Business process modeling
- No-code/low-code APPs
- Supports consolidation of non-transactional systems
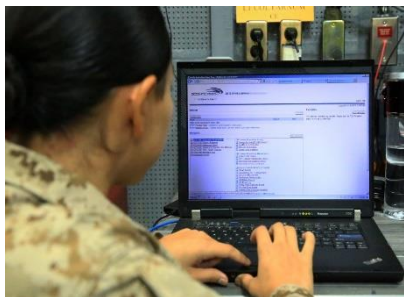
Tech Data Pilot
- Advanced database
- Provide master data management

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1-2 years
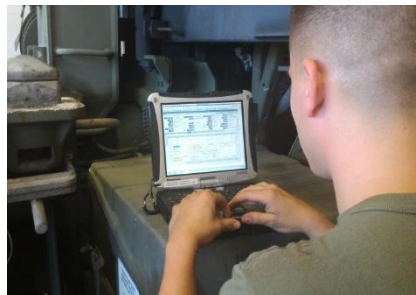
3-5 years

Today
Persistent connection reliant on SATCOM and impacted by latency

Near Term
Low-tech solutions and R12 MFS to provide relief from latency in intermittent comms

Goal
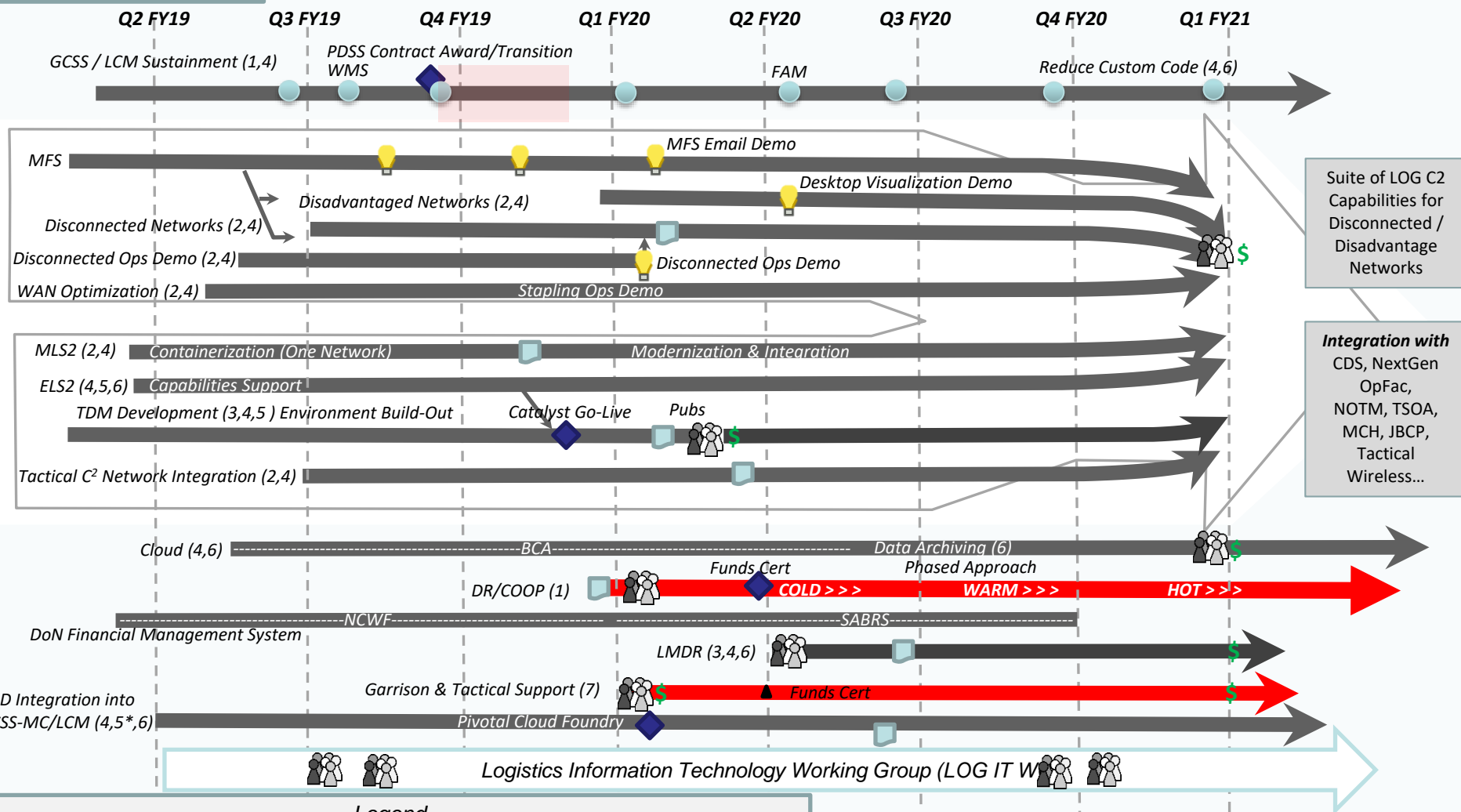**Disconnected or forward-deployed capability supporting SATCOM-denied operations**

PMW 230 Roadmap

Timeline: Q2 FY19 | Q3 FY19 | Q4 FY19 | Q1 FY20 | Q2 FY20 | Q3 FY20 | Q4 FY20 | Q1 FY21

GCSS / LCM Sustainment (1,4)
PDSS Contract Award/Transition WMS
FAM
Reduce Custom Code (4,6)

MFS
MFS Email Demo
Disadvantaged Networks (2,4)
Desktop Visualization Demo
Disconnected Networks (2,4)
Disconnected Ops Demo (2,4)
Disconnected Ops Demo
WAN Optimization (2,4)
Stapling Ops Demo

Suite of LOG C2 Capabilities for Disconnected / Disadvantage Networks

MLS2 (2,4)
Containerization (One Network)
Modernization & Integration
ELS2 (4,5,6)
Capabilities Support
TDM Development (3,4,5) Environment Build-Out
Catalyst Go-Live
Pubs
Tactical C^2 Network Integration (2,4)

Integration with CDS, NextGen OpFac, NOTM, TSOA, MCH, JBCP, Tactical Wireless…

Cloud (4,6)
BCA
Data Archiving (6)
DR/COOP (1)
Funds Cert
Phased Approach
COLD > > >
WARM > > >
HOT > > >

DoN Financial Management System
NCWF
SABRS
LMDR (3,4,6)

IUID Integration into GCSS-MC/LCM (4,5*,6)
Garrison & Tactical Support (7)
Funds Cert
Pivotal Cloud Foundry

Logistics Information Technology Working Group (LOG IT WG)

Legend

- Milestone
- Requires input from LOG IT WG
- Manpower Required
- $ Funding Required
- Demo/Lessons Learned
- GCSS-MC / LCM Release
- * Funded by separate POM Brief

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Areas Where Industry Can Help

► **Migrate GCSS-MC/LCM into the CLOUD**

► **Implement a disconnected operations capability for GCSS-MC/LCM**

► **IUID marking**

► **Conduct rapid inventory of warehouse and yard items**

► **Condition-based maintenance plus integration**

► **Additive manufacturing integration**

► **Virtual Training Environment - Training Aids, Devices, Simulators, and Simulations (TADSS)**

► **Deployable apps**

► **DevSecOps**

► **In-transit visibility tracking capability**

► **Remote Access Software installed on a garrison computer to access and establish a GCSS-MC connection**

Areas Where Industry Can Help

► **Electronic maintenance support**

  ► **An electronic maintenance device employed at the point of repair to interface with the equipment/system undergoing repair, view technical data, and perform GCSS-MC supply and maintenance actions via a wired or encrypted wireless network**

► **Drive down portfolio costs to improve affordability**

► **Automated test capability**

► **Demand planning**

Business Opportunities

Title	Funding	Planned RFI/RFP
GCSS-MC/LCM DR/COOP	O&M	FY20
Mobile Field Services (MFS)	O&M	FY20
Fixed Asset Management Module Configuration and Activation	O&M	FY20
IUID marking Field Service Representatives	O&M	FY20
Disconnected Operations Capability for GCSS-MC/LCM	PMC	FY20
Demand Planning	O&M	FY22
CLOUD Migration GCSS-MC/LCM	O&M	FY23
Virtual Training Environment	PMC	FY23

QUESTIONS?

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